# MARTLEY RURAL SANITARY DISTRICT.



# Annual Report

OF THE

### Medical Officer of Health

FOR THE

= YEAR 1906. =

Morcester:

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### 1906.

### ANNUAL REPORT.



To the Rural District Council of Martley.

GENTLEMEN,

I beg to present my Report for 1906.

There have been 300 births registered this year, giving an annual birth rate of 23.1 per thousand; this is exactly the same as last year, but the rate is less than the average for the previous ten years, 26.1, and is, with the exception of last year, the lowest birth rate which has been registered in the District since these Reports have been made to you.

There have been 195 deaths registered in the District, as compared with an average of 177 for the previous ten years; of this number 3 were deaths of non-residents occurring in public institutions in the District. In addition to the deaths registered in the District, there were 20 deaths of residents registered in public institutions beyond the District. The nett deaths at all ages in the District is thus 212, giving an annual rate of 16:4 per thousand, as compared with that of 14:2 for last year and 14:1 for the average of the previous ten years. This rate is in fact higher than any registered in the District for the past ten years.

Infantile Mortality.—There were 27 deaths of infants under 1 year of age registered, giving an infantile death rate of 90 per thousand, as compared with 80 last year and 101.8 for the previous ten years.

Notifiable Diseases.—The number of diseases notified during the year was 93.

Smallpox.—No case has been reported during the year.

Scarlet Fever.—There were 53 cases notified. The following table gives the parishes in which they occurred, and the months in which they were notified:—

Table V.

Parish.	No. of Cases of Scarlet Fever.	Months in which cases occurred.	No. of Families affected
MARTLEY	5	Feb. (1), Mar. (2), Sep. (2)	4
HALLOW	13	Feb. (1), Mar. (1), April (2), May (1), June (8)	8
ASTLEY	2	Jan. (1), Oct. (1)	2
ST. JOHN COUNTY	10	Mar. (3), Oct. (2), Nov. (1), Dec. (4)	5
CLIFTON-ON-TEME	2	Mar. (1), Sep. (1)	2
ARELEY KINGS	4	May (4)	1
KNIGHTWICK	6	Mar. (1), Dec. (5)	3
BROADWAS	2	April (2)	2
GRIMLEY	. 2	May (2)	1
PENSAX	. 3	July (3)	2
STANFORD	. 1	Oct. (1)	1
LULSLEY	. 1	Nov. (1)	1
DODDENHAM	2	Dec. (1)	1
	1		

The cases generally were of the mildest possible description. The majority of them, without doubt, were infected at school.

In country districts, school closure almost invariably checks the spread of the disease; but unfortunately some unnotified case often again starts the infection when the school reopens. The stringency with which school attendance is now enforced is certainly responsible, in part, for the spread of mild infectious diseases, parents hesitating to keep their children at home when suffering from apparently minor ailments.

Two deaths from scarlatina were notified, but one of these was that of a non-resident, and took place at the Malvern Hospital.

**Diphtheria**.—Twenty-six cases, and 2 deaths, were notified during the year. The following table gives the parishes in which they occurred, and the months of their notification:—

Table VI.

Parish.			No. of Cases of Diphtheria	Months in which cases occurred.	No. of Families affected.
COTHERIDG	E	• • •	1	April (1)	1
GRIMLEY	• • •		1	March (1)	1
LEIGH		• • •	3	June (3)	1
HALLOW			6	June (1), July (1), Nov. (4)	5
LOWER SAP	ΕY	• • •	3	Sep. (3)	1
ST. JOHN CO	DUN'	ΓY	4	Aug. (1), Oct. (2), Dec. (1)	4
KENSWICK			1	Nov. (1)	1
ALFRICK			6	Dec. (6)	4
SUCKLEY			1	Dec. (1)	1
			danada		

The most serious outbreaks were at Broadheath in November, where 4 cases in 3 families occurred, and at Alfrick in December, and at Lower Sapey in September, where 3 cases occurred in one family.

At Broadheath, cases immediately ceased on the closure of the school. A child here who had been attending school while suffering from an apparently insignificant sore throat, was found, on bacteriological examination, to be suffering from diphtheria.

At Alfrick, the source of infection was also in the school, and here also the cases ceased immediately on the school being closed. Just before the first case was notified, a child attending the school died, and his death was certified as being due to catarrhal larnygitis; other children in the same and the adjoining house were suffering from sore throats, and it seemed probable that they were diphtheritic in character; but bacteriological examinations were made with a negative result.

At Lower Sapey, in September, a child died, his death being certified as due to laryngitis and stridulosa; within a few days three other cases, undoubtedly diphtheritic, occurred in the same family.

The majority of the cases throughout the District were very mild ones.

**Puerperal Fever.**—Three cases and one death were notified. Two of the cases occurred in the practice of a midwife at Clifton; the other occurred at Broadwas.

An enquiry into the Clifton cases was held by the Midwives' Committee of the County Council.

Enteric Fever.—No case was notified during the year.

Measles.—An epidemic of measles occurred at Stanford, and a very limited one in a part of the parish of Shelsley. The schools were closed in both instances, and at Shelsley this was successful in checking the epidemic.

Two deaths from measles occurred in the parish of Grimley, but there was no extensive epidemic there.

Whooping Cough was epidemic in July and August in Shelsley Beauchamp and Great Witley. The schools were closed on this account.

Erysipelas.—Eleven cases were notified. They occurred in the parishes of Areley Kings, Hallow, Suckley, Holt, Doddenham, and Martley. One death was certified from this cause; it occurred at the Martley Workhouse.

Tuberculosis.—Ten deaths were attributed to phthisis, the death-rate being '7 per thousand. The death-rate from this disease in England and Wales (Rural Districts) was 1.1.

I recommend that the Inspector be instructed to offer to disinfect any houses where deaths from phthisis have taken place.

Isolation Hospital Accommodation.—No change has been made in the accommodation provided for the isolation of infectious diseases. Worcester and Malvern admit scarlatina and diphtheria cases from this District, and Kidderminster admits scarlatina cases. Generally this arrangement proves to be sufficient, but if an extensive epidemic prevails in either of these towns, or from any other cause their accommodation is limited for the time being, admission is liable to be refused to cases from this District. This happened at Worcester in the autumn, and when the diphtheria cases occurred at Broadheath they could not be admitted to the Isolation Hospital. Under these circumstances I was instructed by you to use in the emergency as an isolation hospital a cottage which had been kindly offered; but this proved quite unsuited to the purpose.

The difficulties in the way of providing temporary isolation accommodation at a reasonable cost, when an epidemic is in progress, are often insurmountable, and I believe that the District would be on the whole better served by a small centrally-situated Hospital of its own than it is by the present arrangement.

The parishes of Clifton-on-Teme and Sapey Pitchard are so distant from either of the Hospitals with which you have arrangements, that objection has been raised to cases being removed, so the Bromyard Council were this year asked to admit cases from the parishes adjoining their District to their Hospital, and although permission was at the time refused, possibly the subject might be reconsidered.

Small Pox Isolation.—No change has been made in your arrangements for the isolation of small pox cases. These are in my opinion sufficient.

Disinfection.—As I have previously reported to you, you have no apparatus for the disinfection of clothing and bedding. You have empowered me, when I consider it necessary, to send bedding, &c., for disinfection, to Worcester or Kidderminster. I consider it necessary that infected bedding and clothing should be disinfected in every case, but the cost and labour of doing this under the present arrangements would be almost prohibitive. A disinfecting apparatus would be part of the equipment of a small isolation hospital.

Sewerage and Drainage.—No new sewerage works have been undertaken this year. At Hallow, more frequent inspection—rendered possible by assistance given to the Inspector—has resulted in a great improvement in the condition of the privies and cesspits, and complaints regarding the offensive condition of the osier bed are no longer heard.

A drainage scheme is required for the thickly populated village of Areley Common. Building here is steadily progressing.

The houses drain into large dumb wells, and the water supply is from shallow wells situated at no great distance from these. A few of the large houses are already supplied from the Kidderminster Waterworks, and the situation of the village on high ground and on light sandy soil is such as to facilitate sewering.

Dairies and Cowsheds.—There are now on the register 40 persons engaged in the milk trade. The dairies and milk houses are regularly inspected and the result of the inspectious reported to you. This year 3 cases of contraventions of the Orders and Bye-laws were dealt with.

Bakehouses.—There are 25 of these on the register. They are inspected twice yearly. There are no underground bakehouses in this district.

Factories and Workshops.—There are 101 Workshops including the bakehouses on the register. The Workshops include Blacksmiths, Bootmakers, Tailors, Builders, Carpenters and Wheelwrights.

Addresses of 145 outworkers have been received from the Worcester Council. Infectious disease occurred in one instance at the home of an outworker.

The Inspectors' Report, giving the number of Workshops and Outworkers addresses, and the number of inspections is appended to this Report.

Hop-pickers' Accommodation.—Inspection of the majority of the hop-pickers' quarters were carried out as usual. This year the hop-picking was a short one, and consequently it was not possible to inspect the whole of the quarters while the pickers were there. Dr. Reginald Farrar, a Local Government Board Inspector, visited the District and inspected some of the farms in Leigh and Suckley. He expressed a decided preference for permanent "barracks" rather than the temporary adaptation of barns, cow houses, &c., for the purpose, as is customary in this District. Tents, which are beginning to be adopted in some instances in this District, Dr. Farrar condemned.

Your bye-laws permit the use of ordinary farm buildings for this purpose, and I fear that anything like the universal adoption of the "barrack" system would be prevented by the score of expense.

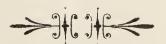
The quarters provided usually conform to your bye-laws, but Dr. Farrar pointed out that greater care was in many cases required in the disposal of refuse, and in preventing nuisances arising in connection with the privy accommodation, and that this would be especially necessary during a prolonged hop-picking.

No outbreak of infectious disease was reported among the pickers, and I can find no record of infectious disease ever having been spread in the neighbourhood by pickers; but when it is remembered that some six or seven thousand persons of the poorer classes are now annually imported into the District at hop-picking time, the possibility of infection arising amongst them, and spreading in the District, cannot be considered a remote one.

I am, Gentlemen,

Your obedient Servant,

J. H. GREENSILL.



Martley Rural District.

Table 1.

Vital Statistics of the Whole District during 1906 and Previous Years.

1														
EATHS AT AGES.	Rate.	13	13.9	14.31	14.31	14.54	15.7	14.21	14.4	11.5	13.6	14.5	14.1	f.91
NETT DEATHS ALL AGES.	Number.	12	10	88	188	191	207	184	187	150	176	184	183	212
Deaths of	Residents registered beyond District	11		• •	•	•	14	13	13		16	14		20
Deaths of Non-	Residents registered in District	IO IO					7	4	F	67	1~	41		က
Deaths in	Public Institu- tions.	6	16	2 10	50	13	15	20	21	20	26	26	19	50
SATHS AT	Rate.	8	73 73	14.31	14.31	14.54	15.2	13.5	13.5	10.8	12.8	13.4	13.5	151
Total Deaths at all Ages.	Number.	7	1.	188	188	191	200	175	175	141	167	174	177	195
DEATHS UNDER ONE YEAR OF AGE.	Rate per 1000 Births Registered	9	09.4	122.9	8.68	106.8	120.9	85.0	108.84	84.2	128.1	80	101.8	06
DEATHS ONE YEA	Number.	5	666	1 th	31	39	37	56	37	30	141	24	လ 41	27
TIS.	Rate.		8.96	27.3	26.3	27.8	23.3	26.3	26.2	27.5	24.7	23.1	25.8	23.1
BIRTHS.	Number.	3	3346	85.8 85.8	345	365	306	341	340	356	320	300	89 77	300
Population Estimated	to Middle of each year.	C1	13133	13133	13133	13133	13133	12941	12941	12941	12941	12941	13037	12941
	YEAR.	Н	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	Averages for years 1896–1905	1906

(exclusive of area 57,667 covered by water) Area of District in acres)

Total population at all ages.....

Number of inhabited houses

Average number of persons per house ...

# Cases of Infectious Disease notified during the Year 1906.

							~,							
Totals	Plague	Puerperal Fever	Continued Fever	Relapsing Fever	Enteric Fever	Typhus Fever	Scarlet Fever	Erysipelas	Membranous Croup	Diphtheria	Cholera	Small-pox	NOTIFIABLE DISEASE,	
		•	•	•	:	:	:	•	•	•		•		
•		:			:	:		•	•	•	•			
93	:	ಲು	•	:	:	•	53	11	* *	26	•	:	At all Ages.	
ලා	:	9	•	•	•		purd	0 0	•	2	*	•	Under	Cases notified
7	:	:	;	•	:	•	ಲು	•	•	4	•	•	1 to 5.	
61	:	•	•	•	:	:	42	<b>├</b>	•	18	•	:	5 to 15.	IN THE WHOLE DISTRICT.
ಲು		•	•	•	•	:	ಲು	•	:	:	•	:	15 to 25:	
16	:	ಲು	:	:	•	•	4	7	:	22	•	:	25 to 65.	District
లు	:	:	:	:	•	•	•	ಲು	•	:	•	•	65 and up-	
16	•	:	•	:	•	•	11 11	:	:	OT	:	•	St. John Regis- tration Sub- District	TOTAL IN EA
51	•	<b>James</b>	•	:	:		26	6	•	18	:	•	Leigh Regis- tration Sub- District	TOTAL CASES NOTIFIED IN EACH LOCALITY.
26	•	2	:	•	•	•	16	ਹਾ	•	లు	:	•	Martley County Regis- tration Sub- District	OTIFIED
<b>-</b>	:	:	:	:	:	:	<del></del>	:	:	•	:	•	St. John Regis- tration Sub- District	No. of ( TO H EAC)
10	•	:	:	•	•	0 0 e	4	•	0		•	:	Leigh Regis- tration Sub- District	No. of Cases Removed To Hospital from Each Locality.
<del> </del>	:	•	•	•	:	:	<b> </b>	:	:	•	:	:	Martley County Regis- tration Sub- District	EMOVED FROM

### ble III.

### Causes of, and Ages at, Death during Year 1906.

	Deat	HS IN W	vhole I	)ISTRICT	AT SUB	JOINED 7	AGES.		s in Loc all Ag		DEATHS
Causes of Death.	All Ages.	Under	r and under	5 and under	15 and under 25.	25 and under 65.	65 and up- wards.	Martley Regis- tration Sub- District	Registration Sub-	Parish St. John County.	IN PUBLIC INSTI- TUTIONS.
											•
mall-pox easles	2		1	1		• • •	• • •		2		• • •
easles arlet Fever	ī					1		1			1
Thooping Cough	1	1						1			
iphtheria & Mem-											
branous Croup	2	• • •	1	1				1		1	2
roup (Typhus	1	• • •		1	* * *	• • •	• • •	• • •	1	• • •	
Entorio											
Other con-				,							
tinued					• • •		•••				
pidemic Influenza	4					2	2	3	1		1
holera lague	• • •			• • •	•				• • •		• • •
iarrhœa	5	5		• • •				3	2		
Interitis	1					1			1		
uerperal Fever	1			• • •		1			1		
rysipelas	1	• • • •				• • •	1	1	•••	•••	1
ther Septic Diseases	6		2			4		3	3		1
hthisis (Pulmon-		•••	_	* * *							
ary Tuberculosis	10	1		1	•	8		6	4		
ther Tubercular				4							
Diseases ancer, Malignant	4	2		1		• • •	1	1	$\frac{2}{2}$	1	• • •
Disease	0.1					11	10	11	8	2	2
Fronchitis	9.3	4				2	7	6	7		1
•neumonia	14	2		2		4	6	3	11		
leurisy						1			1		
Other Diseases of Respiratory Organs											
kleoholism)		• •				• • •				••	
birrhosis	2	• • •			4 1		2	1	1	• • •	1
Tenereal Diseases			• • •								
Premature Birth	3	3			• • • •			2	1	• • •	
Diseases and Accidents of parturition					1	1			2		
Heart Diseases		1		1		8	19	15	$1\overline{2}$	2	6
Accidents				1	1	5	3	4	6	• • •	
Suicides						1					
Apoplexy	0.0		•••	• • •	• • •	1	$\begin{array}{c c} 16 \\ 22 \end{array}$	8 11	9	2	2
Senile Decay Bright's Disease	23		• • •	• • •			2.2	11	10	2	
Convulsions					• • •						
Enlarged Prostate									• • •		
					9 4 4	1			•••		
All other causes	41	8	2	1		8	22	21	17	3	2
All causes	215	27	6	10	2	59	111	102	102	11	20

### Table IV.

# Deaths from stated Causes in Weeks and Months under One Year of Age.

Wionth's under one rear of Age.																
CAU	SE OF DEATH.	Under 1 Week.		2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.				- 1				10-11 Months.	Total Deaths under One Year.
	ertified ncertified										1					1 26
Common Infectious Diseases.	Small-pox Chicken-pox Measles Scarlet Fever Diphtheria: Croup Whooping Cough				1	1								1	 1	
Diarrhæai Diseases.	Diarrhea, all forms Enteritis (not Tuberculous) Gastritis, Gastro- intestinal Catarrh)					2	1				• • •	1	• • •		1	•••
Wasting Diseases.	Premature Births Congenital Defects Injury at Birth Want of Breast Milk Atrophy, Debility Marasmus					3 2 	1	1	1							
Tuberculous Diseases.	Tuberculous Meningitis Tuberculous Peritonitis: Tabes Mesenterica Other Tuberculous Diseases	-								• • •	2		• • • •		1	
	Erysipeias Syphilis Rickets Meningitis (not Tuberculous) Convulsions Bronchitis Laryngitis			1		1				2						
	Pneumonia Suffocation, overlaying	1	2				3				2		1		1	27

Population (Estimated to middle of 1905) 12,941.

Deaths from all Causes at all Ages .

## Annual Report of the Medical Officer of Health for the Year 1906,

For the Rural District of Martley, on the administration of the Factory and Workshop Act, 1901, in connection with Factories, Workshops, Laundries, Workplaces and Homework.

### 1.—INSPECTION.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premi				Inspecti			otices.		rosecution
Factories (including Fac Workshops (including W Workplaces	Vorksho	p Lau				• • •	<u>5</u>	• • •	_
	Total	• • •		155	5	• • •	5	•••	
2	2.—D	EFE	ECT	s FC	U	ND.			
Nuisances under the Pr	ublic He	ealth .	Acts:			73	,		D 1'
Want of cleanliness	S		9 9~0			Four 2			Remedie 2
Want of ventilation	n		• • •		• • •	]	-	* * •	In hand
	Total					S	3		2
Orders made (s. 110)  4.—RE  Vorkshops on the Registhe year	EGIS'	TEF	at the	end of					oakehouse
0110 y 0101	• • •	• •	• •	• • •					
				MAT	TE	RS.			
Matters notified to H.M.	-						,		
Failure to affix Abs Action taken in ma under the Public Workshop Act (s.	tters ret Health	ferred	by H.I	M. Inspe	ector	as rei	nediab	le	2
Notified by Reports (o	~	A.						•	2
1	1 ((()))	1 bake	n) sent	to H.M	. Ins	spector			2

